
ANNA R. KARLIN, University of Washington, USA

Auctions with interdependent valuations

Most auction theory assumes that the bidders' values for the goods and services being sold do not depend on other bidders' values. The interdependent setting [Milgrom & Weber] goes beyond this to capture the value of resale and the aggregation of information different bidders have about the goods being sold.

In the talk, we will survey research on auction design in interdependent settings and present new results on social welfare maximization in combinatorial auctions for this setting.

Joint work with Alon Eden, Michal Feldman, Amos Fiat and Kira Goldner.